



FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

16991.016

APPLICATION NO.

10/785,114

APPLICANTS

Masaaki GOTO *et al.*

FILING DATE

February 25, 2004

GROUP

1646 1649

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
AD	AAI	0 784 093 A1	07/1997	EPO			Yes No
	ABI	0 974 671 A1	01/2000	EPO			Yes No
	ACI	1 127 578 A1	08/2001	EPO			Yes No
	ADI	1 270 015 A2	01/2003	EPO			Yes No
	AEI	1 270 015 A3	02/2004	EPO			Yes No
	AFI	62-201825	09/1987	Japan			X Yes (abstract only) No
	AGI	98/46211 A1	10/1998	PCT			Yes No
	AHI	98/46644 A1	10/1998	PCT			X Yes (abstract only) No
	AII	99/15691 A1	04/1999	PCT			X Yes (abstract only) No
	AJI	01/44472 A1	06/2001	PCT			Yes No
	AKI	03/002713 A2	01/2003	PCT			Yes No
	ALI	03/074084 A1	09/2003	PCT			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AD	AMI	Jean-Jacques Body, "Current and Future Directions in Medical Therapy: Hypercalcemia," <i>CANCER Supplement</i> , 88(12):3054-3058 (2000)
	ANI	<i>Chemical Abstracts</i> , Vol. 123, No. 18, Abstract No. 237583p (1995)
	AOI	Chowdhury <i>et al.</i> , "Effects of Heparin on Osteoclast Activity," <i>Journal of Bone and Mineral Research</i> , 7(7):771-777 (1992)

EXAMINER

/Aditi Dutt

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		February 25, 2004	1646 1649
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AD	AA2	Cochran and Abernathy, "Modulation of Bone Resorption by Glycosaminoglycans: Effects of Parathyroid Hormone and Interleukin-1," <i>Bone</i> , 9(5):331-335 (1988)	
	AB2	Fautrel and Guillemain, "Cost of illness studies in rheumatic diseases," <i>Current Opinion in Rheumatology</i> , 14:121-126 (2002)	
	AC2	Green <i>et al.</i> , "Renal Tolerability Profile of Novel, Potent Bisphosphonates in Two Short-Term Rat Models," <i>Pharmacology & Toxicology</i> , 80:225-230 (1997)	
	AD2	Iqbal and Sobhan, "Osteoporosis: A Review," <i>Missouri Medicine</i> , 99(1):19-24 (2002)	
	AE2	Porcel <i>et al.</i> , "Anaphylaxis to calcitonin," <i>Allergologia et immunopathologia</i> , 28(4):243-245 (2000)	
	AF2	Romas <i>et al.</i> , "Involvement of Receptor Activator of NFκB Ligand and Tumor Necrosis Factor-α in Bone Destruction in Rheumatoid Arthritis," <i>Bone</i> , 30(2):340-346 (2002)	
	AG2	Tomoyasu <i>et al.</i> , "Characterization of Monomeric and Homodimeric Forms of Osteoclastogenesis Inhibitory Factor," <i>Biochemical and Biophysical Research Communications</i> , 245(2):382-387 (1998)	
	AH2	White and Schilling, "Postmenopausal Hormone Replacement: Historical Perspectives and Current Concerns," <i>Clinical Excellence for Nurse Practitioners</i> , 4(5):277-285 (2000)	
↓	AI2	Yamamoto <i>et al.</i> , "Hypocalcemic Effect of Osteoclastogenesis Inhibitory Factor/Osteoprotegerin in the Thyroparathyroidectomized Rat," <i>Endocrinology</i> , 139(9):4012-4015 (1998)	
	AJ2		
	AK2		
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AD	AA3	4,179,337	12/1979	Davis <i>et al.</i>			
	AB3	4,710,473	12/1987	Morris			
	AC3	4,959,314	09/1990	Mark <i>et al.</i>			
	AD3	5,118,667	06/1992	Adams <i>et al.</i>			
	AE3	5,366,859	11/1994	Miyoshi <i>et al.</i>			
	AF3	5,374,529	12/1994	Caterson <i>et al.</i>			
	AG3	5,393,739	02/1995	Bentz <i>et al.</i>			
	AH3	5,427,954	06/1995	Sandy <i>et al.</i>			
	AI3	5,447,851	09/1995	Beutler <i>et al.</i>			
	AJ3	5,457,035	10/1995	Baum <i>et al.</i>			
	AK3	5,545,722	08/1996	Naka			
	AL3	5,578,569	11/1996	Tam			
	AM3	5,585,479	12/1996	Hoke <i>et al.</i>			
	AN3	5,599,708	02/1997	Mundy <i>et al.</i>			
	AO3	5,658,756	08/1997	Rodan <i>et al.</i>			
	AP3	5,736,506	04/1998	Naka			
	AQ3	5,830,850	11/1998	Gelb <i>et al.</i>			
	AR3	5,843,678	12/1998	Boyle			
	AS3	5,843,901	12/1998	Roeske			
	AT3	5,985,832	11/1999	Roodman <i>et al.</i>			
↓	AU3	6,015,938	01/2000	Boyle <i>et al.</i>			
	AV3	6,017,729	01/2000	Anderson <i>et al.</i>			
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AD	AA4	6,046,033	04/2000	Goto <i>et al.</i>			
	AB4	6,087,555	07/2000	Dunstan <i>et al.</i>			
	AC4	6,242,213 B1	06/2001	Anderson			
	AD4	6,242,586 B1	06/2001	Gorman <i>et al.</i>			
	AE4	6,271,349 B1	07/2001	Dougall <i>et al.</i>			
	AF4	6,284,485 B1	09/2001	Boyle <i>et al.</i>			
	AG4	6,284,728 B1	09/2001	Boyle <i>et al.</i>			
	AH4	6,284,740 B1	09/2001	Boyle <i>et al.</i>			
	AI4	6,288,032 B1	09/2001	Boyle <i>et al.</i>			
	AJ4	6,297,022 B1	10/2001	McDonnell <i>et al.</i>			
	AK4	6,316,408 B1	11/2001	Boyle			
	AL4	6,369,027 B1	04/2002	Boyle <i>et al.</i>			
	AM4	6,419,929 B1	07/2002	Anderson			
	AN4	6,479,635 B1	11/2002	Anderson <i>et al.</i>			
	AO4	6,525,180 B1	02/2003	Gorman <i>et al.</i>			
	AP4	6,528,482 B1	03/2003	Anderson <i>et al.</i>			
	AQ4	6,537,763 B1	03/2003	Dougall <i>et al.</i>			
	AR4	6,562,948 B2	05/2003	Anderson			
	AS4	6,613,544 B1	09/2003	Boyle <i>et al.</i>			
	AT4	6,649,164 B2	11/2003	Maraskovsky			
	AU4	6,693,175 B2	02/2004	Yano <i>et al.</i>			
V	AV4	6,740,522 B2	05/2004	Anderson			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AD	AA5	2002/0081720 A1	06/2002	Dougall <i>et al.</i>			
	AB5	2002/0086826 A1	07/2002	Anderson <i>et al.</i>			
	AC5	2002/0086827 A1	07/2002	Anderson <i>et al.</i>			
	AD5	2002/0127637 A1	09/2002	Jian <i>et al.</i>			
	AE5	2002/0150989 A1	10/2002	Greene <i>et al.</i>			
	AF5	2002/0169117 A1	11/2002	Maraskovsky			
	AG5	2003/0045456 A1	03/2003	Yamamoto <i>et al.</i>			
	AH5	2003/0100069 A1	05/2003	Jian <i>et al.</i>			
	AI5	2003/0100488 A1	05/2003	Boyle			
	AJ5	2003/0103978 A1	06/2003	Deshpande <i>et al.</i>			
	AK5	2003/0104485 A1	06/2004 ²⁰⁰³	Boyle			
	AL5	2003/0139325 A1	07/2003	Yamamoto <i>et al.</i>			
	AM5	2003/0144480 A1	07/2003	Gorman <i>et al.</i>			
	AN5	2003/0166097 A1	09/2003	Greene <i>et al.</i>			
	AO5	2003/0175840 A1	09/2003	Anderson <i>et al.</i>			
	AP5	2003/0176647 A1	09/2003	Yamaguchi <i>et al.</i>			
	AQ5	2003/0181418 A1	09/2003	Kumakura <i>et al.</i>			
	AR5	2003/0207827 A1	11/2003	Boyle <i>et al.</i>			
	AS5	2003/0208045 A1	11/2003	Yamaguchi <i>et al.</i>			
	AT5	2003/0216297 A1	11/2003	Kumakura <i>et al.</i>			
	AU5	2004/0033535 A1	02/2004	Boyle <i>et al.</i>			
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AD	AA6	0514130 A2	11/1992	EPO			Yes No
	AB6	0514130 A3	11/1992	EPO			Yes No
	AC6	0526905 A2	02/1993	EPO			Yes No
	AD6	0526905 A3	02/1993	EPO			Yes No
	AE6	0727211 A1	08/1996	EPO			Yes No
	AF6	0874045 A1	10/1998	EPO			Yes No
	AG6	0911342 A1	04/1999	EPO			Yes No
	AH6	330400	05/1999	New Zealand			Yes No
	AI6	86/00922 A1	02/1986	PCT			Yes No
	AJ6	90/14363 A1	11/1990	PCT			Yes No
	AK6	93/12227 A1	06/1993	PCT			Yes No
	AL6	93/21946 A1	11/1993	PCT			Yes No
	AM6	95/11308 A1	04/1995	PCT			Yes No
	AN6	96/28546 A1	09/1996	PCT			Yes No
	AO6	97/00317 A1	01/1997	PCT			Yes No
	AP6	97/00318 A1	01/1997	PCT			Yes No
	AQ6	97/23614 A1	07/1997	PCT			Yes No
	AR6	98/07840 A1	02/1998	PCT			Abstract X only Yes No
	AS6	98/25958 A2	06/1998	PCT			Yes No
	AT6	98/28424 A2	07/1998	PCT			Yes No
	AU6	98/28426 A2	07/1998	PCT			Yes No
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
AD	AA7	98/46751 A1	10/1998	PCT			Yes No
	AB7	98/49305 A1	11/1998	PCT			Yes No
	AC7	99/19468 A1	04/1999	PCT			Yes No
	AD7	99/53942 A1	10/1999	PCT			Yes No
	AE7	99/58674 A2	11/1999	PCT			Yes No
	AF7	99/58674 A3	11/1999	PCT			Yes No
	AG7	01/03719 A2	01/2001	PCT			Yes No
	AH7	01/03719 A3	01/2001	PCT			Yes No
	AI7	01/17543 A2	03/2001	PCT			Yes No
	AJ7	01/17543 A3	03/2001	PCT			Yes No
↓	AK7	01/18203 A1	03/2001	PCT			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AD	AL	7	Adams <i>et al.</i> , "Complementary DNA Sequencing: Expressed Sequence Tags and Human Genome Project", <i>Science</i> , 252:1651-1656 (1991)				
	AM	7	Anderson <i>et al.</i> , "A homologue of the TNF receptor and its ligand enhance T-cell growth and dendritic-cell function", <i>Nature</i> , 390:175-179 (1997)				
	AN	7	Banks <i>et al.</i> , "Effect of degenerative spinal and aortic calcification on bone density measurements in post-menopausal women: links between osteoporosis and cardiovascular disease?", <i>European Journal of Clinical Investigation</i> , 24(12):813-817 (1994)				
	AO	7	Banner <i>et al.</i> , "Crystal Structure of the Soluble Human 55 kd TNF Receptor-Human TNF β Complex: Implications for TNF Receptor Activation", <i>Cell</i> , 73(3):431-445 (1993)				
	AP	7	Bennett, C. F., "Antisense Research", <i>Science</i> , 271:434 (1996)				
↓	AQ	7	Beutler and Cerami, "Tumor Necrosis, Cachexia, Shock, and Inflammation: a Common Mediator", <i>Annual Review of Biochemistry</i> , 57:505-518 (1988)				
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AD	AA	8	Beutler and van Huffer, "Unraveling Function in the TNF Ligand and Receptor Families", <i>Science</i> , 264:667-668 (1994)			
	AB	8	Boyce <i>et al.</i> , "Effects of Interleukin-1 on Bone Turnover in Normal Mice", <i>Endocrinology</i> , 125(3):1142-1150 (1989)			
	AC	8	Bradley and Robertson, "Embryo-Derived Stem Cells: a Tool for Elucidating the Developmental Genetics of the Mouse", <i>Current Topics in Developmental Biology</i> , 20:357-371 (1986)			
	AD	8	Brinster <i>et al.</i> , "Factors affecting the efficiency of introducing foreign DNA into mice by microinjecting eggs", <i>Proceedings of the National Academy of Sciences of USA</i> , 82:4438-4442 (1985)			
	AE	8	Bucay <i>et al.</i> , "osteoprotegerin-deficient mice develop early onset osteoporosis and arterial calcification", <i>Genes and Development</i> , 12(9):1260-1268 (1998)			
	AF	8	Capon <i>et al.</i> , "Designing CD4 immunoadhesins for AIDS therapy", <i>Nature</i> , 337(6207):525-531 (1989)			
	AG	8	Cappecchi, M. R., "Altering the Genome by Homologous Recombination", <i>Science</i> , 244:1288-1292 (1989)			
	AH	8	Chambers <i>et al.</i> , "Generation of osteoclast-inductive and osteoclastogenic cell lines from the <i>H-2K^btsA58</i> transgenic mouse", <i>Proceedings of the National Academy of Sciences of USA</i> , 90:5578-5582 (1993)			
	AI	8	Charreau <i>et al.</i> , "Transgenesis in rats: technical aspects and models", <i>Transgenic Research</i> , 5(4):223-234 (1996)			
	AJ	8	Chen <i>et al.</i> , "Mapping the Domain(s) Critical for the Binding of Human Tumor Necrosis Factor- α to Its Two Receptors", <i>Journal of Biological Chemistry</i> , 270(6):2874-2878 (1995)			
	AK	8	Chenu <i>et al.</i> , "Transforming growth factor β inhibits formation of osteoclast-like cells in long-term human marrow cells", <i>Proceedings of the National Academy of Sciences of USA</i> , 85(15):5683-5687 (1988)			
	AL	8	Chomczynski and Sacchi, "Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction", <i>Analytical Biochemistry</i> , 162(1):156-159 (1987)			
↓	AM	8	Culver and Blaese, "Gene therapy for cancer", <i>Trends in Genetics</i> , 10(5):174-178 (1994)			
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			February 25, 2004		1646 1649		
AD	AA	9	Database EMBEST16, EMBL Database Accession No. AA170348				
	AB	9	Database GenEMBL, EMBL Accession No. AF019048				
	AC	9	Database EMROD, EMBL Database Accession No. M59378				
	AD	9	DeClerck <i>et al.</i> , "Inhibition of Autoproteolytic Activation of Interstitial Procollagenase by Recombinant Metalloproteinase Inhibitor MI/TIMP-2", <i>Journal of Biological Chemistry</i> , 266(6):3893-3899 (1991)				
	AE	9	Demer, L. L., "A Skeleton in the Atherosclerosis Closet", <i>Circulation</i> , 92(8):2029-2032 (1995)				
	AF	9	Ebi <i>et al.</i> , "Mechanism of Mast Cell Deficiency in Mutant Mice of <i>mi/mi</i> Genotype: An Analysis by Co-Culture of Mast Cells and Fibroblasts", <i>Blood</i> , 75(6):1247-1251 (1990)				
	AG	9	Efrat, S., "Prospects for gene therapy of insulin-dependent diabetes mellitus", <i>Diabetologia</i> , 41(12):1401-1409 (1998)				
	AH	9	Ellison <i>et al.</i> , "The nucleotide sequence of a human immunoglobulin C _{γ1} gene", <i>Nucleic Acids Research</i> , 10(13):4071-4079 (1982)				
	AI	9	Engels and Uhlmann, "Gene Synthesis", <i>Angew. Chem. Int. Ed. Engl.</i> , 28:716-734 (1989)				
	AJ	9	Fawthrop <i>et al.</i> , "The Effect of Transforming Growth Factor β on the Plasminogen Activator Activity of Normal Human Osteoblast-like Cells and a Human Osteosarcoma Cell Line MG-63", <i>Journal of Bone and Mineral Research</i> , 7(12):1363-1371 (1992)				
	AK	9	Fenton <i>et al.</i> , "Long-Term Culture of Disaggregated Rat Osteoclasts: Inhibition of Bone Resorption and Reduction of Osteoclast-Like Cell Number by Calcitonin and PTHrP[107-139]", <i>Journal of Cellular Physiology</i> , 155:1-7 (1993)				
	AL	9	Fisher <i>et al.</i> , "Dominant Interfering Fas Gene Mutations Impair Apoptosis in a Human Autoimmune Lymphoproliferative Syndrome", <i>Cell</i> , 81(6):935-946 (1995)				
	AM	9	Galli-Taliadoros <i>et al.</i> , "Gene knock-out technology: a methodological overview for the interested novice", <i>Journal of Immunological Methods</i> , 181(1):1-15 (1995)				
↓	AN	9	George <i>et al.</i> , "Current Methods in Sequence Comparison and Analysis", <i>Macromolecular Sequencing and Synthesis Selected Methods and Applications</i> , pp. 127-149 (1988)				
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AD	AA	10	Goeddel, D. V., "Systems for Heterologous Gene Expression", <i>Methods in Enzymology</i> , 185:3-7 (1990)	
	AB	10	Goeddel <i>et al.</i> , "Tumor Necrosis Factors: Gene Structure and Biological Activities", <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , Volume LI, pp. 597-609 (1986)	
	AC	10	Goodwin <i>et al.</i> , "Molecular Cloning and Expression of the Type 1 and Type 2 Murine Receptors for Tumor Necrosis Factor", <i>Molecular and Cellular Biology</i> , 11(6):3020-3026 (1991)	
	AD	10	Gowen <i>et al.</i> , "Preferential Inhibition of Cytokine-Stimulated Bone Resorption by Recombinant Interferon Gamma", <i>Journal of Bone and Mineral Research</i> , 1(5):469-474 (1986)	
	AE	10	Graves and Jilka, "Comparison of Bone and Parathyroid Hormone as Stimulators of Osteoclast Development and Activity in Calvarial Cell Cultures From Normal and Osteopetrotic (mi/mi) Mice", <i>Journal of Cellular Physiology</i> , 145(1):102-109 (1990)	
	AF	10	Gribskov <i>et al.</i> , "Profile analysis: Detection of distantly related proteins", <i>Proceedings of the National Academy of Sciences of USA</i> , 84(13):4355-4358 (1987)	
	AG	10	Grigoriadis <i>et al.</i> , "c-Fos: A Key Regulator of Osteoclast-Macrophage Lineage Determination and Bone Remodeling", <i>Science</i> , 266:443-448 (1994)	
	AH	10	Hattersley <i>et al.</i> , "Human Macrophage Colony-Stimulating Factor Inhibits Bone Resorption by Osteoclasts Disaggregated From Rat Bone", <i>Journal of Cellular Physiology</i> , 137(1):199-203 (1988)	
↓	AI	10	Hodgson <i>et al.</i> , "Advances in vector systems for gene therapy", <i>Exp. Opin. Ther. Patents</i> , 5(5):459-468 (1995)	
	AJ	10	International Search Report, International Application No. PCT/JP96/00374 (1996)	
	AK	10	International Search Report, International Application No. PCT/JP98/01728 (1998)	
AD	AL	10	Isozaki <i>et al.</i> , "Cell Type-Specific Deficiency of c-kit Gene Expression in Mutant Mice of mi/mi Genotype", <i>American Journal of Pathology</i> , 145(4):827-836 (1994)	
↓	AM	10	Jimi <i>et al.</i> , "Osteoclast function is activated by osteoblastic cells through a mechanism involving cell-to-cell contact", <i>Endocrinology</i> , 137(5):2187-2190 (1996)	
↓	AN	10	Johnson <i>et al.</i> , "Pleiotropic Effects of a Null Mutation in the c-fos Proto-Oncogene", <i>Cell</i> , 71(4):577-586 (1992)	
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AD	AA	11	Kaji <i>et al.</i> , "Insulin-Like Growth Factor-I Mediates Osteoclast-Like Cell Formation Stimulated by Parathyroid Hormone", <i>Journal of Cellular Physiology</i> , 172(1):55-62 (1997)			
	AB	11	Karaplis, A. C., "Gene Targeting", <i>Principles of Bone Biology</i> , pp. 1189-1201, Academic Press (1996)			
	AC	11	Kasono <i>et al.</i> , "Inhibitory effect of interleukin-4 on osteoclast-like cell formation in mouse bone marrow culture", <i>Bone and Mineral</i> , 21(3):179-188 (1993)			
	AD	11	Kohn <i>et al.</i> , "A second tumor necrosis factor receptor gene product can shed a naturally occurring tumor necrosis factor inhibitor", <i>Proceedings of the National Academy of Sciences of USA</i> , 87(21):8331-8335 (1990)			
	AE	11	Kraulis, P. J., "MOLSCRIPT: a program to produce both detailed and schematic plots of protein structures", <i>Journal of Applied Crystallography</i> , 24(5):946-950 (1991)			
	AF	11	Kukita <i>et al.</i> , "Osteoinductive factor inhibits formation of human osteoclast-like cells", <i>Proceedings of the National Academy of Sciences of USA</i> , 87:3023-3026 (1990)			
	AG	11	Lacey <i>et al.</i> , "Interleukin 4, Interferon- γ , and Prostaglandin E Impact the Osteoclastic Cell-Forming Potential of Murine Bone Marrow Macrophages", <i>Endocrinology</i> , 136(6):2367-2376 (1995)			
	AH	11	Levine and Williams, "Automated measurement of mouse apolipoprotein B: convenient screening tool for mouse models of atherosclerosis", <i>Clinical Chemistry</i> , 43(4):669-674 (1997)			
	AI	11	Lewis <i>et al.</i> , "Cloning and expression of cDNAs for two distinct murine tumor necrosis factor receptors demonstrate one receptor is species specific", <i>Proceedings of the National Academy of Sciences of USA</i> , 88:2830-2834 (1991)			
	AJ	11	Loetscher <i>et al.</i> , "Tumor Necrosis Factor: Receptors and Inhibitors", <i>Cancer Cells</i> , 3(6):221-226 (1991)			
	AK	11	Lowe <i>et al.</i> , "Osteopetrosis in Src-deficient mice is due to an autonomous defect of osteoclasts" <i>Proceedings of the National Academy of Sciences of USA</i> , 90(10):4485-4489 (1993)			
	AL	11	Lüthy <i>et al.</i> , "Improving the sensitivity of the sequence profile method", <i>Protein Science</i> , 3(1):139-146 (1994)			
↓	AM	11	MacDonald <i>et al.</i> , "Isolation of RNA Using Guanidinium Salts", <i>Methods in Enzymology</i> , 152:219-227 (1987)			
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AD	AA	12	Maitland and McDougal, "Biochemical Transformation of Mouse Cells by Fragments of Herpes Simplex Virus DNA", <i>Cell</i> , 11(1):233-241 (1977)	
	AB	12	Marks, Jr., and Lane, "Osteopetrosis, a New Recessive Skeletal Mutation on Chromosome 12 of the Mouse", <i>Journal of Heredity</i> , 67(1):11-18 (1976)	
	AC	12	Marshall, E., "Gene Therapy's Growing Pains", <i>Science</i> , 269:1050-1055 (1995)	
	AD	12	Martin <i>et al.</i> , "Interleukins in the Control of Osteoclast Differentiation", <i>Critical Reviews™ in Eukaryotic Gene Expression</i> , 8(2):107-23 (1998)	
	AE	12	Matsudaira, P., "Sequence from Picomole Quantities of Proteins Electrophoretically Blotted onto Polyvinylidene Difluoride Membranes", <i>Journal of Biological Chemistry</i> , 262(21):10035-10038 (1987)	
	AF	12	Miller and Vile, "Targeted vectors for gene therapy", <i>FASEB Journal</i> , 9(2):190-199 (1995)	
	AG	12	Miller and Vile, "Gene Transfer and Antisense Nucleic Acid Techniques", <i>Parasitology Today</i> , 10(3):92-97 (1994)	
	AH	12	Milligan <i>et al.</i> , "Current Concepts in Antisense Drug Design", <i>Journal of Medicinal Chemistry</i> , 36(14):1923-1937 (1993)	
	AI	12	Mizuno <i>et al.</i> , "Severe Osteoporosis in Mice Lacking Osteoclastogenesis Inhibitory Factor/Osteoprotegerin", <i>Biochemical and Biophysical Research Communications</i> , 247(3):610-615 (1998)	
	AJ	12	Montgomery <i>et al.</i> , "Herpes Simplex Virus-1 Entry into Cells Mediated by a Novel Member of the TNF/NGF Receptor Family", <i>Cell</i> , 87(3):427-436 (1996)	
	AK	12	Morony <i>et al.</i> , "A Chimeric Form of Osteoprotegerin Inhibits Hypercalcemia and Bone Resorption Induced by IL-1 β , TNF- α , PTH, PTHrP, and 1,25(OH) $_2$ D $_3$ ", <i>Journal of Bone and Mineral Research</i> , 14(9):1478-1485 (1999)	
	AL	12	Mundy <i>et al.</i> , "The Effects of Cytokines and Growth Factors on Osteoblastic Cells", <i>Bone</i> , 17(2 Suppl):71S-75S (1995)	
↓	AM	12	Nagata and Golstein, "The Fas Death Factor", <i>Science</i> , 267:1449-1456 (1995)	
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AD	AA	13	Ogden and Adams, "Electrophoresis in Agarose and Acrylamide Gels", <i>Methods in Enzymology</i> , 152:61-87 (1987)			
	AB	13	Parhami and Demer, "Arterial calcification in face of osteoporosis in ageing: can we blame oxidized lipids", <i>Current Opinion in Lipidology</i> , 8(5):312-314 (1997)			
	AC	13	Pearson, W. R., "Rapid and Sensitive Sequence Comparison with FASTP and FASTA", <i>Methods in Enzymology</i> , 183:63-98 (1990)			
	AD	13	Perigaud <i>et al.</i> , "Nucleoside analogues as chemotherapeutic agents: a review", <i>Nucleosides & Nucleotides</i> , 11(2-4):903-945 (1992)			
	AE	13	Reddi, A. H., "Bone Morphogenesis and Modeling: Soluble Signals Sculpt Osteosomes in the Solid State", <i>Cell</i> , 89:159-161 (1997)			
	AF	13	Rieger <i>et al.</i> , <i>Glossary of Genetics and Cytogenetics</i> , p. 17, Springer-Verlag, Berlin Heidelberg, New York (1976)			
	AG	13	Rojanasakul, Y., "Antisense oligonucleotide therapeutics: drug delivery and targeting", <i>Advanced Drug Delivery Reviews</i> , 18:115-131 (1996)			
	AH	13	Roodman, G. D., "Role of Cytokines in the Regulation of Bone Resorption", <i>Calcified Tissue International</i> , 53(Suppl. 1):S94-S98 (1993)			
	AI	13	Rosati <i>et al.</i> , "Normal long bone growth and development in type X collagen-null mice", <i>Nature Genetics</i> , 8(2):129-135 (1994)			
	AJ	13	Schinke <i>et al.</i> , "Molecular determinants of arterial calcification", <i>Annals of Medicine</i> , 30(6):538-541 (1998)			
	AK	13	Shahinian <i>et al.</i> , "Differential T Cell Costimulatory Requirements in CD28-Deficient Mice", <i>Science</i> , 261:609-612 (1993)			
	AL	13	Siddhanti <i>et al.</i> , "Molecular to Pharmacologic Control of Osteoblast Proliferation and Differentiation", <i>Journal of Cellular Biochemistry</i> , 55(3):310-320 (1994)			
↓	AM	13	Simonet <i>et al.</i> , "Long-term Impaired Neutrophil Migration in Mice Overexpressing Human Interleukin-8", <i>Journal of Clinical Investigation</i> , 94(3):1310-1319 (1994)			
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	AB	14	Smith <i>et al.</i> , "The TNF Receptor Superfamily of Cellular and Viral Proteins: Activation, Costimulation, and Death", <i>Cell</i> , 76:959-962 (1994)			
	AC	14	Soriano <i>et al.</i> , "Targeted Disruption of the c-src Proto-Oncogene Leads to Osteopetrosis in Mice", <i>Cell</i> , 64(4):693-702 (1991)			
	AD	14	Stein and Cheng, "Antisense Oligonucleotides as Therapeutic Agents - Is the Bullet Really Magical?", <i>Science</i> , 261:1004-1012 (1993)			
	AE	14	Stull and Szoka, Jr., "Antigene, Ribozyme and Aptamer Nucleic Acid Drugs: Progress and Prospects", <i>Pharmaceutical Research</i> , 12(4):465-483 (1995)			
	AF	14	Suda <i>et al.</i> , "Modulation of Osteoclast Differentiation by Local Factors", <i>Bone</i> , 17(2 Suppl):87S-91S (1995)			
	AG	14	Suda <i>et al.</i> , "Molecular Cloning and Expression of the Fas Ligand, a Novel Member of the Tumor Necrosis Factor Family", <i>Cell</i> , 75(6):1169-1178 (1993)			
	AH	14	Takada <i>et al.</i> , "A simple method to assess osteoclast-mediated bone resorption using unfractionated bone cells", <i>Bone and Mineral</i> , 17:347-359 (1992)			
	AI	14	Tsuda <i>et al.</i> , "Isolation of a Novel Cytokine from Human Fibroblasts That Specifically Inhibits Osteoclastogenesis", <i>Biochemical and Biophysical Research Communications</i> , 234(1):137-142 (1997)			
	AJ	14	Udagawa <i>et al.</i> , "The Bone Marrow-Derived Stromal Cell Lines MC3T3-G2/PA6 and ST2 Support Osteoclast-Like Cell Differentiation in Cocultures with Mouse Spleen Cells", <i>Endocrinology</i> , 125(3):1805-1813 (1989)			
	AK	14	Udagawa <i>et al.</i> , "Origin of osteoclasts: Mature monocytes and macrophages are capable of differentiating into osteoclasts under a suitable microenvironment prepared by bone marrow-derived stromal cells", <i>Proceedings of the National Academy of Sciences of USA</i> , 87(18):7260-7264 (1990)			
	AL	14	Wagner, R. W., "Gene inhibition using antisense oligodeoxynucleotides", <i>Nature</i> , 372(6504):333-335 (1994)			
↓	AM	14	Wang, "Bone and haematopoietic defects in mice lacking c-fos", <i>Nature</i> , 360(6406):741-745 (1992)			
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	AB	15	Westermann <i>et al.</i> , "Inhibition of expression of SV40 virus large T-antigen by antisense oligodeoxyribonucleotides" <i>Biomedica Biochimica Acta</i> , 48(1):85-93 (1989)			
	AC	15	Wiktor-Jedrzejczak <i>et al.</i> , "Hematological Characterization of Congenital Osteopetrosis in <i>op/op</i> Mouse (Possible Mechanism for Abnormal Macrophage Differentiation)", <i>Journal of Experimental Medicine</i> , 156(5):1516-1527 (1982)			
	AD	15	Wiktor-Jedrzejczak <i>et al.</i> , "Total absence of colony-stimulating factor 1 in the macrophage-deficient osteopetrotic (<i>op/op</i>) mouse", <i>Proceedings of the National Academy of Sciences of USA</i> , 87(12):4828-4832 (1990)			
	AE	15	Wiley <i>et al.</i> , "Identification and Characterization of a New Member of the TNF Family that Induces Apoptosis", <i>Immunity</i> , 3(6):673-682 (1995)			
	AF	15	Wong <i>et al.</i> , "TRANCE Is a Novel Ligand of the Tumor Necrosis Factor Receptor Family That Activates c-Jun N-terminal Kinase in T Cells", <i>Journal of Biological Chemistry</i> , 272(40):25190-25194 (1997)			
	AG	15	Wu-Pong, S., "Oligonucleotides: Opportunities for Drug Therapy and Research", <i>Pharmaceutical Technology</i> , 118:102-114 (1994)			
	AH	15	Yamaguchi <i>et al.</i> , "Characterization of Structural Domains of Human Osteoclastogenesis Inhibitory Factor", <i>Journal of Biological Chemistry</i> , 273(9):5117-5123 (1998)			
	AI	15	Yan and Chao, "Disruption of Cysteine-rich Repeats of the p75 Nerve Growth Factor Receptor Leads to Loss of Ligand Binding", <i>Journal of Biological Chemistry</i> , 266(18):12099-12104 (1991)			
	AJ	15	Yang <i>et al.</i> , "Eradication of Established Tumors by a Fully Human Monoclonal Antibody to the Epidermal Growth Factor Receptor without Concomitant Chemotherapy", <i>Cancer Research</i> , 59(6):1236-1243 (1999)			
	AK	15	Yasuda <i>et al.</i> , "Osteoclast differentiation factor is a ligand for osteoprotegerin/ osteoclastogenesis-inhibitory factor and is identical to TRANCE/RANKL", <i>Proceedings of the National Academy of Sciences of USA</i> , 95(7):3597-3602 (1998)			
	AL	15	Yoneda <i>et al.</i> , "Sumarin Suppresses Hypercalcemia and Osteoclastic Bone Resorption in Nude Mice Bearing a Human Squamous Cancer", <i>Cancer Research</i> , 55:1989-1993 (1995)			
↓	AM	15	Yoshida <i>et al.</i> , "The murine mutation osteopetrosis is in the coding region of the macrophage colony stimulating factor gene", <i>Nature</i> , 345(6274):442-444 (1990)			
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